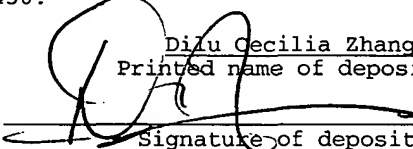
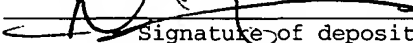


MH-5145

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**ATTN: Mail Stop Patent Applications**

Sir:

Transmitted herewith for filing is the patent application of: Andreas Molisch, Yunan Wu, and Sun Y. Kung.

FOR: SYSTEM AND METHOD FOR SHAPING ULTRA WIDE BANDWIDTH SIGNAL SPECTRUM

Enclosed are:

- [24] pages of specification, claims and abstract
- [5] sheet of formal drawings
- [x] Declaration and Power of Attorney
- [x] Assignment of the application
- [ ] Information Disclosure Statement

The filing fee is calculated as follows:

	CLAIMS AS FILED			
	NUMBER FILED	NUMBER EXTRA	LARGE ENTITY	AMOUNT
Basic Fee			\$ 750.00	\$ 750.00
Total Claims	22	-20 = 2	x 18.00	\$ 36.00
Independent Claims	2	-3 =	\$80.00	
Assignment Recording Fee			40.00	\$ 40.00
Multiple Dependent Claim Fee			270.00	

Other

TOTAL FEE \$ 826.00

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All future correspondence should be addressed to:

Patent Department  
Mitsubishi Electric Research Laboratories, Inc.  
201 Broadway  
Cambridge, Massachusetts 02139

Duplicate copies of this letter are enclosed.

Respectfully submitted,  
MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC.

By: \_\_\_\_\_

Andrew J. Curtin  
Reg. No.: 48,485  
Attorney for Assignee

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